·			. •
Substitute for forms 1449A/PTO & 1449B/PTO	ATTORNEY'S DKT NO. 003534-106	APPLICATION NO. 10/616,984	
	APPLICANT John F. KRUMME		
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE July 11, 2003	GROUP 3711	
OIAIDMDM DI ALL DICHM	1,,	• , , ,	

**ATENT DOCUMENTS** Issue/Publication Document Kind Code Name of Patentee or Applicant Examiner Initials Number (if known) of Cited Document (MM-DD-YYYY) 456,258 Hutton et al. 07/1891 3P 732,136 Tayler 06/1903 58 974,888 Jacobus 11/1910 <del>-4.901</del>-<del>Taylor</del> <del>11/1912-</del> SP 1,094,599 Samson 04/1914 Sanders 12/1918 R 1,289,553 04/1920 1,337,958 Reach 05/1921 D 57,980 Kraeuter SP D 63,284 Challis 11/1923  $\leq \mathbb{R}$ 1,485,685 McMahon 03/1924 1,494,494 Lippincott 05/1924 1,524,731 Davis 02/1925 02/1925 1,526,951 Beaumont 1,532,545 Pedersen 04/1925 1,535,670 Kidd 04/1925 SP 1,562,956 Guerne 11/1925 1,595,589 Tyler 08/1926 ₹ 1,618,900 Wolkerstorfer 02/1927 So Relle 10/1927 \$ 1,646,461 Ø 1,654,257 Hillerick 12/1927 1,659,272 Link 02/1928 Sf Munro-Spencer SP D 79,684 10/1929 07/1934 1,968,626 Young × D 138,380 Myers et al. 07/1944 Fetterolf 10/1947 2,429,351 St 2,586,084 Powell 02/1952 SP 3,211,455 Hyden 10/1965 R 3,847,399 Raymont 11/1974 3.869,126 Thompson 03/1975 4,027,885 Rogers 06/1977 4,156,526 Huggins et al. 05/1979 4,413,825 Sasse 11/1983 4,422,638 Tucker 12/1983 4,508,349 Gebauer et al. 04/1985 4,529,203 Ribaudo 07/1985 4,679,792 Straza et al. 07/1987 4,681,322 Straza et al. 07/1987 Nagasaki et al. 4,740,345 04/1988 4,768,787 Shira 09/1988

A-Paranti 04/28/05

Substitute for forms 1449A/PTO & 1449B/PTO

ATTORNEY'S DKT NO. 003534-106 10/616,984

APPLICANT
John F. KRUMME

FIRST INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

July 11, 2003 3711

STATENT DOCUMENTS 12/1989 4,884,808 Retzer SP Homma 4.919,177 04/1990 Miesch et al. 10/1990 SP 4,964,641 Sρ 4.999,000 Finney 03/1991 SX 5,024,437 Anderson 06/1991 <del>S</del>g 01/1992 5,083,778 **Douglass** SP Sata et al. 01/1993 5,176,384 50 D 340,492 Flood 10/1993 SP 04/1994 Allen 5,301,941 5,322,214 Tucker Sr. 07/1994 Medralla 10/1994 SR 5,358,249 SP 5,403,007 Chen 04/1995 R 5,405,136 Hardman 04/1995 5,408,554 Cryan et al. 04/1995 5,407,196 Busnardo 04/1995 SP 5,445,386 Marshall 08/1995 SP 5,447,311 Viollaz et al. 09/1995 Sφ 5,458,332 Fisher 10/1995 5,482,282 Willis 01/1996 20 D 368,126 Magerman et al. 03/1996 5,505,450 Stuff 04/1996 06/1996 5,524,331 Pond Azzarella 07/1996 5,531,439 Micciche et al. 08/1996 5,542,675 **S** 5,573,469 Dekura 11/1996 58 Magerman et al. 11/1996 5,575,472 SP 5,620,381 Spalding 04/1997 SP 5,620,382 Cho et al. 04/1997 Sl 5,674,132 Fisher 10/1997 5,688,190 Rowland et al. 11/1997 SP SP Strum 11/1997 5,690,562 æ 5,704,850 Shieh 01/1998 30 02/1998 Baker et al. 5,716,290 04/1998 5,738,925 Chaput Rohrer 06/1998 5,766,093 Krumme et al. 09/1998 5,807,190 Hackman 03/1999 5,879,243 D 411,275 Bottema et al. 06/1999

(07/03)

07/1999

07/1999

10/1999

07/2000

f. Lamaniti 04/28/05

5,921,871 5,924,939

D 415,809

6.089,993

ক্ত

Fisher

Grace et al.

Bottema et al.

Woodward et al.

•		
Substitute for forms 1449A/PTO & 1449B/PTO	ATTORNEY'S DKT No. 003534-106	APPLICATION NO. 10/616,984
	APPLICANT John F. KRUMME	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE July 11, 2003	GROUP 3711

DEC 0 5 2003 2

ADENAR		FOREIG	GN PATENT DOCUMENTS			
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Transla Yes	ation No
<b>S</b> \$	0710493		Europe	05-08-1996		
SQ	2,185,891	A	Great Britain	08-05-1987	Abstract only	
SP	3-23877		Japan	01-31-1991	Abstract only	

	NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
S₽	Darel E. Hodgson et al., "Shape Memory Alloys", viewable at http://www.sma-inc.com/SMAPaper.html, copyright 1999, retrieved from internet on 18 January 2002
SP	Ellis, Jeffrey B., "More Materials", The Clubmaker's Art, Zephyr Productions, Inc., Oak Harbor, WA, 1997, pp. 319-357

Signature Considered 04/28/05	Examiner Signature —	T-Cammite	Date Considered	
-------------------------------	-------------------------	-----------	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(07/03)

Manant 04/28/05

## SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known					
Application Number	10/616,984				
Filing Date	July 11, 2003				
First Named Inventor	John F. Krumme				
Examiner Name	Not Yet Assigned PASSANITI				
Attorney Docket Number	003534-106				

	(use as many	sheets	as necessary)
Sheet	1	of	1

Substitute for form 1449A/PTO 8 1449B/PTO

				U.S. PATENT DOCUMENTS	
ىبلر	Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
7	36 X	6,007,435		Chern	12-28-1999
	50 7	4,630,826		Nishigaki et al.	12-23-1986
ייסו ב	2 5 P2004	5,785,610		Birmingham	07-28-1998
L		<b>/</b>			
· 🛵	ADEMARTOR				
$\vdash$					

FOREIGN PATENT DOCUMENTS											
							ST	ATUS			
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Specification
						<u> </u>			_		Ш
<u></u>		<del>                                     </del>				<u> </u>		ļ	┡		$\vdash$
						$\vdash$			<del> </del> —		$\vdash\vdash$
<b></b>		<del> </del>				├	<u> </u>		├	<u> </u>	$\vdash$
ļ		+	<del></del>		<u> </u>	<del>├</del>	-		├	$\vdash$	$\vdash$
					-	<del>                                     </del>	ļ	<del> </del>		<del>                                     </del>	+-+

	NON-PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
58	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration for PCT/US2004/033572 dated 10/26/2004

Examiner Signature	1-Paramt	Date Considered	04/28/05	